

Product datasheet for AP52293PU-N

katanin p80 (KATNB1) (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 330-359 amino acids from the Central region of human KATNB1
Specificity:	This antibody recognizes Human KATNB1 (Center).
Formulation:	PBS containing 0.09% (w/v) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	katanin regulatory subunit B1
Database Link:	Entrez Gene 10300 Human Q9BVA0

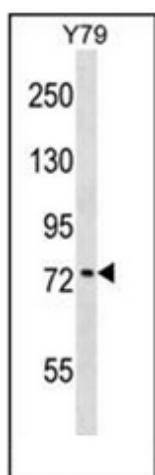


Background: Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A1) and an 80 kDa accessory protein (p80 subunit B1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. Katanin is a member of the AAA family of ATPases.

Synonyms: Katanin p80 subunit B1, p80 katanin

Note: **Molecular Weight:** 72334 Da

Product images:



Western blot analysis of KATNB1 Antibody (Center) in Y79 cell line lysates (35ug/lane). This demonstrates the KATNB1 antibody detected the KATNB1 protein (arrow).